# **Promoting Creativity and Critical Thinking Using NLM Online Exhibitions**





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#### Databases

PubMed/MEDLINE

MeSH

**UMLS** 

ClinicalTrials.gov

MedlinePlus

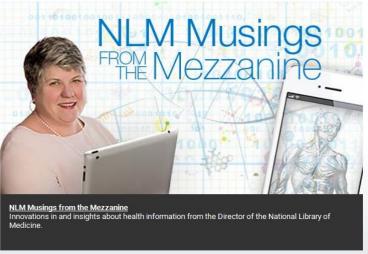
TOXNET

Images from the History of Medicine

**Digital Collections** 

LocatorPlus

All NLM Databases & APIs



#### Find, Read, Learn

Search biomedical literature

Find medical terminologies

Search NLM collections

Read about diseases

Learn about drugs

**Explore history** 

Find a clinical trial

Use a medical dictionary

Find free full-text articles









## Explore NLM

About NLM

Health Information

Library Catalog & Services

History of Medicine

#### Research at NLM

Human Genome Resources

Biomedical Research & Informatics

Environmental Health & Toxicology

Health Services Research & Public Health

Health Information Technology

#### NLM for You

Grants & Funding

Meaningful Use Tools

Training & Outreach

National Network of Medical Libraries

Regional Activities

#### News, Events, Videos



- Amanda J. Wilson appointed Head, National Network Coordinating Office, Library Operations, NLM (01/09/17)
- Mark Ziomek appointed Chief, Public Services Division, Library Operations, NLM (01/09/17)
- NLM Director Dr. Patricia Flatley Brennan

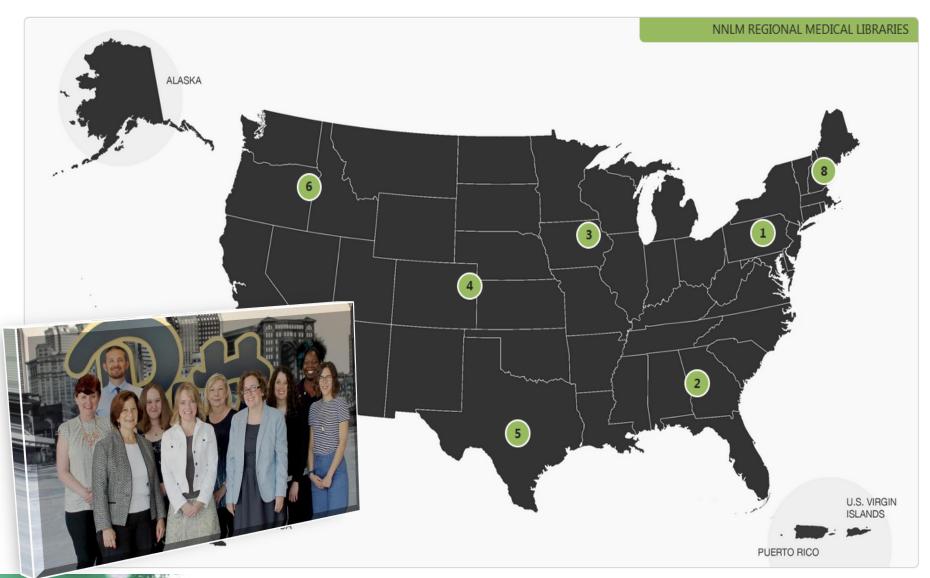


"The National Library of Medicine (NLM), on the campus of the National Institutes of Health in Bethesda, Maryland, has been a center of information innovation since its founding in 1836".



# Regional Medical Libraries

Explore the pinpoints below and learn more about the NNLM Regional Medical Libraries and their respective territories.



URL for National Network of Libraries of Medicine (NNLM) and
URL to NNLM Middle Atlantic Region (NNLM MAR)

# PROGRAM

# imagine history! reimagine your world



search exhibitions: explore, discover, enjoy!









The Exhibition Program creates lively and informative exhibitions and educational resources that enhance awareness of and appreciation for the collections of the National Library of Medicine. Explore. Discover. Enjoy.





VISIT

EXHIBITION

GALLERIES

EDUCATION

RESOURCES

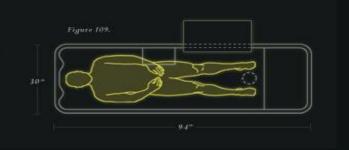


"You are not to expect visible proofs in a work of darkness. You are to collect the truth from circumstances, and little collateral facts, which taken singly afford no proof, yet put together, so tally with, and confirm each other, that they are as strong and convincing evidence, as facts that appear in the broad face of the day."

-Judge Francis Buller, to the jury, Donnellan case, March 1781

# Exhibition

Visible Proofs is about the history of forensic medicine. Over the centuries, physicians, surgeons, and other professionals have struggled to develop scientific methods that translate views of bodies and body parts into "visible proofs" that can persuade judges, juries, and the public.







# Galleries

Explore significant cases, technologies, and people that have had an impact on the history of forensic medicine. Take an in-depth look at artifacts and images from the exhibition.



# HARRY POTTER'S WORLD

RENAISSANCE SCIENCE, MAGIC, AND MEDICINE

HOME

EXHIBITION

**EDUCATION RESOURCES** 

TRAVELING INFORMATION

EXHIBITION

"There was a lot more to magic, as Harry quickly found out, than waving your wand and saying a few funny words."

Harry Potter and the Philosopher's Stone,
 J. K. Rowling



# EXHIBITION



# EDUCATION RESOURCES



# TRAVELING INFORMATION



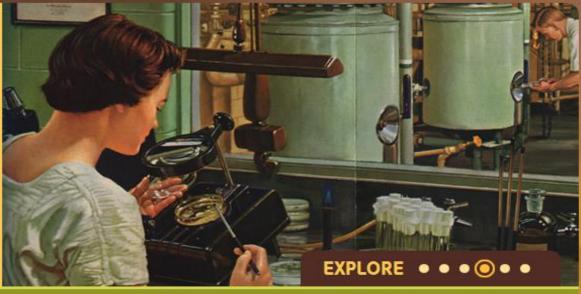




Microbes are equipped with defense mechanisms to help ensure their survival.

Penicillium, the bluish-green mold that grows on stale food, produces a substance that has the power to kill its bacterial competition. Many of these bacteria are also deadly to humans....

CONTINUE to MAKING "YELLOW MAGIC"

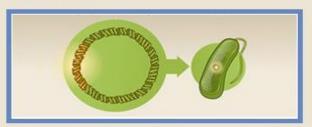


HOME . EXHIBITION . EDUCATION . DIGITAL GALLERY . CREDITS



🖙 TRAVELING INFO

# **LEARN** more



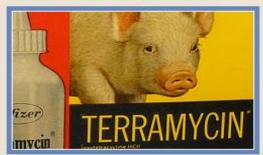
How did they make insulin from recombinant DNA?

FIND OUT +

# SEE the digital gallery



# **BOOK** the traveling exhibition

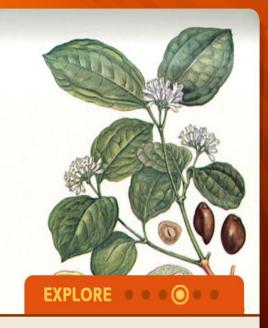


# **PICK YOUR POISON**



The pain-relieving properties of opium had been known for centuries when the drug was first used in America for the treatment of sleeplessness and illnesses such as coughs, smallpox, cholera, malaria, syphilis, dysentery, and tuberculosis. By the 19th century, many doctors believed so fervently in the...





**CONTINUE to OPIUM** 

**EXHIBITION** 

**EDUCATION • DIGITAL GALLERY • CREDITS** 



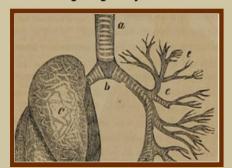
# **LEARN** more



Advertisement for medicinal drops to relieve toothache, Lloyd Manufacturing Co., 1885

Courtesy National Library of Medicine

# **SEE** the digital gallery



# **BOOK** the traveling exhibition









# SURVIVING &THRIVING AIDS, POLITICS, AND CULTURE

"We condemn attempts to label us as 'victims,' a term which implies defeat, and we are only occasionally 'patients,' a term which implies passivity, helplessness, and dependence upon the care of others.

We are 'People With AIDS.'"

-Denver Principles, 1983

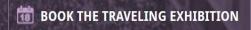
**EXPLORE THE EXHIBITION** 















Activists today continue to work tirelessly to support and empower victims of intimate partner violence. Individuals and organizations have developed innovative and creative approaches to sharing information and assisting in recovery...



CONTINUE to AND THE WORK CONTINUES

EXHIBITION FOLICATION DIGITAL GALLERY CREDITS

# **LEARN** more



Who were some advocates for change?

FIND OUT

# SEE the digital gallery



# **BOOK** the traveling exhibition







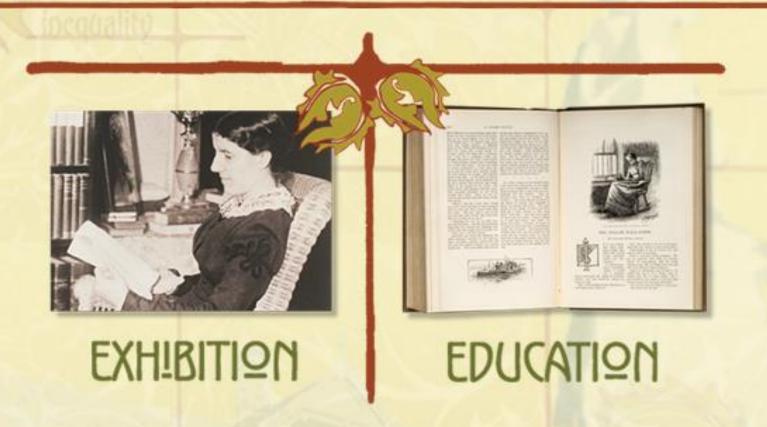
HOME

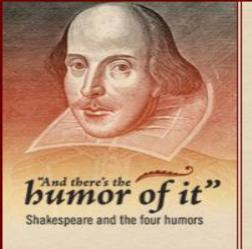
XHIBITION

**EDUCATION** 

TRAVELING INFORMATION

CREDITS



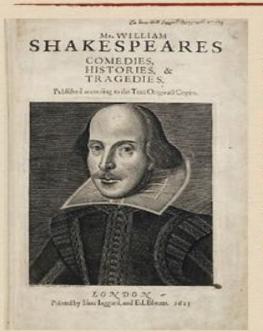


## Exhibition

Four Humors
Taming of the Shrew
Hamlet
Merchant of Venice
Education
Traveling Exhibition
Credits
Exhibition Program



Shakespeare and the four humors

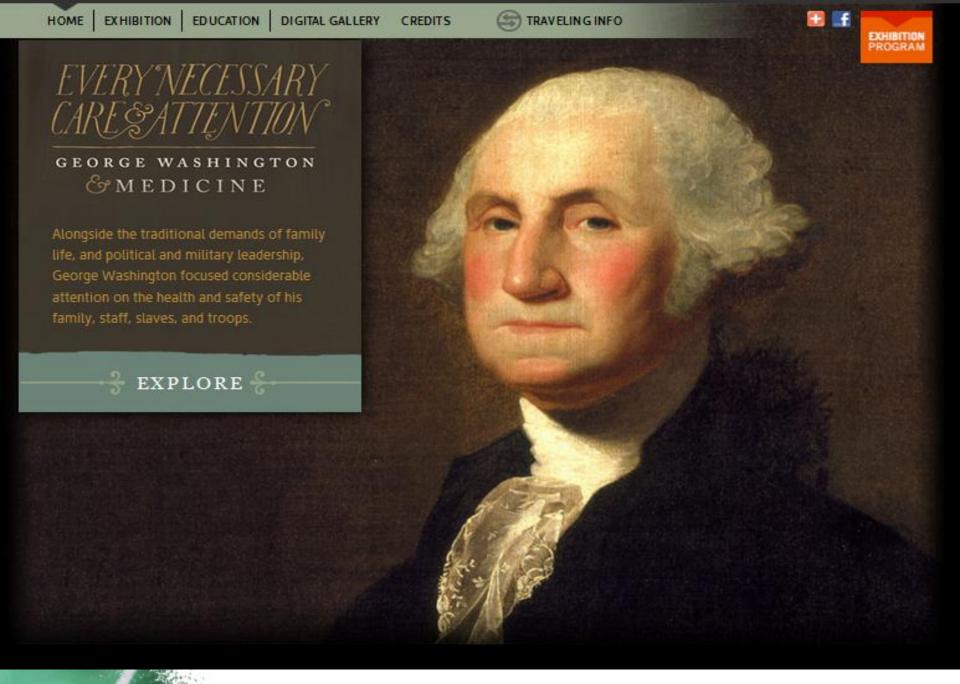


William Shakespeare (1564–1616) created characters that are among the richest and most humanly recognizable in all of literature. Yet Shakespeare understood human personality in the terms available to his age—that of the now-discarded theory of the four bodily humors—blood, bile, melancholy, and phlegm. These four humors were thought to define peoples' physical and mental health, and determined their personalities, as well.

left: William Shakespeare. Courtesy Folger Shakespeare Library.

The language of the four humors pervades Shakespeare's plays, and their influence is felt above all in a belief that emotional states are physically determined. Carried by the bloodstream, the four humors bred the core passions of anger, grief, hope, and fear—the emotions conveyed so powerfully in Shakespeare's comedies and tragedies.

Today, neuroscientists recognize a connection between Shakespeare's age and our own in the common understanding that the emotions are based in biochemistry and that drugs can be used to alleviate mental suffering.





The perspectives of surgeons, physicians, and nurses are richly documented in the history of American Civil War medicine, which highlights the heroism and brutality of battlefield operations and the challenges of caring for the wounded during wartime. Yet the experiences of injured soldiers during the conflict and in the years afterwards are less well-known. Life and Limb: The Toll of the American Civil War focuses on disabled veterans and their role as symbols of the fractured nation.

Explore the experiences of Civil War veterans in the online exhibition, use education resources in middle-school, high-school and undergraduate classes, take a closer look at Civil War-era texts in <u>Digital</u>

<u>Documents</u>, or find out if the <u>traveling exhibition</u> is coming to a library near you.

Pictured on the right: Soldiers at Armory Square Hospital, Washington, D.C., 1860s Courtesy National Library of Medicine





Exhibition >

Explore the experiences of veterans of the American Civil War.



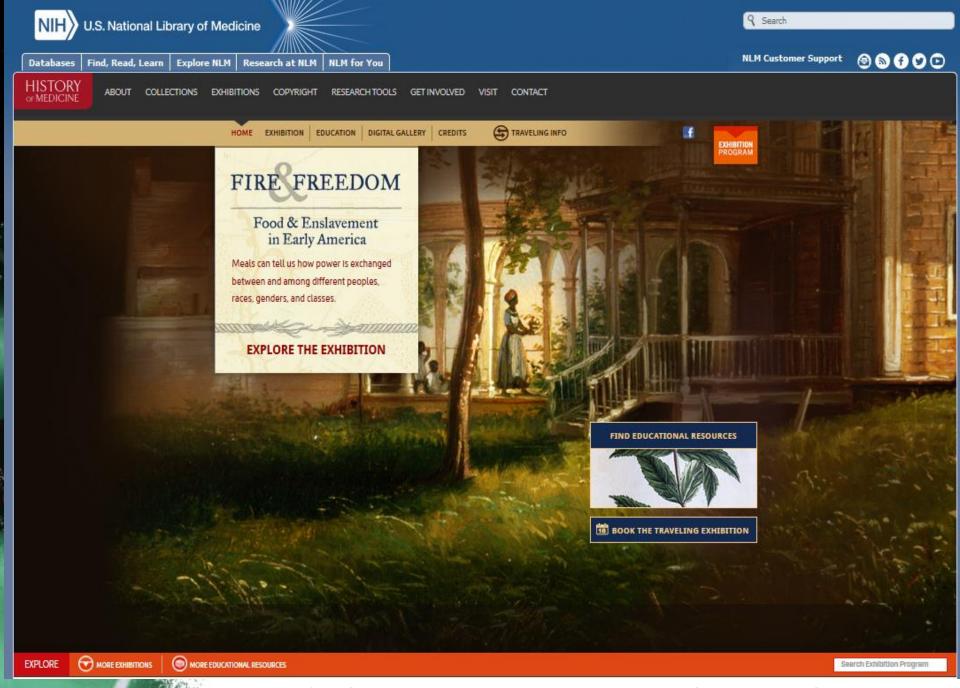
Education >

Use these resources to explore primary source materials and the exhibition stories in the classroom.



Traveling Info

See *Life and Limb* at a local library near you.



**URL** for Fire and Freedom: Food & Enslavement in Early America









**EXHIBITION** 

INTERVIEWS

TIMELINE

RESOURCES

VISIT

Search.

Q



#### WATCH OVERVIEW VIDEOS

Listen to the director of the National Library of Medicine introduce Native Voices. Watch an overview of the exhibition that demonstrates how Native peoples of the United States today enhance their wellness through both traditional and Western healing practices.



VIEW THE EXHIBITION



#### NATIVE VOICES

Watch interviews with Native people telling now the wellness of individuals and communities has been affected by epidemics, government policies, and the inhibition of Native culture. Hear contemporary stories of renaissance, recovery, and self-determination.



EXPLORE THE TIMELINE









EXHIBIT

**GUEST COLUMN** 

**ONLINE ACTIVITIES & RESOURCES** 

GET INVOLVED

VISIT





Courtesy CEPRODE

**→ PREVIOUS TOPIC** 

NEXT TOPIC .

# DISASTER PREPAREDNESS

The Central American Disaster Information Network (CANDHI) provides the technology needed to access databases, publications, and online resources on disaster preparedness, and to connect to a web site that provides news, maps, local weather updates, and alerts.

Click here to learn more

#### **GUEST COLUMN**

Victor Cid is a senior computer scientist at the Disaster Information Research Center of the National Library of Medicine.

Read More .



## ONLINE ACTIVITIES & RESOURCES



Test your knowledge of the world of global health in online activities, and take this topic into the classroom with resources for students and teachers.

View Games & Lessons ▶

#### DOWNLOADS



Get Downloads .

#### GET INVOLVED



Getting involved starts here. Find out what you can do to tackle the issues you care about.

Read More >

#### VISIT



The Installation at the National Institutes of Health has closed. See the Traveling Exhibition at a library near you.

Get Details >

**EXPLORE** 

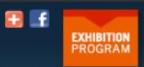




MORE EDUCATIONAL RESOURCES

Search Exhibition Program

# AVOYAGE TO HEALTH



Migrating voyagers from the South Pacific began to settle on Kanaloa Kaho'olawe, named after Kanaloa, the god of the ocean, around the year 1,000. Over the centuries, the island became home to families of farmers and fishers and developed into a natural observatory for keeping the solar and lunar...

CONTINUE to JOURNEYS THROUGH HISTORY

EXPLORE • 🔘 • • • TRAVELING INFO

HOME . EXHIBITION . EDUCATION . CREDITS



# **DISCOVER** the map of Oceania



Map by William Augustus Mitchell, 1854 Courtesy Miklian Antiquarian Maps

ENLARGE MAP #



# FIND an educational resource



# **BOOK** the traveling exhibition



**URL** for A Voyage to Health





Changing the face of Medicine

HOME

ACTIVITIES

PHYSICIANS
SHARE your STORY



Discover the many ways that women have influenced and enhanced the practice of medicine. The individuals featured here provide an intriguing glimpse of the broader community of women doctors who are making a difference. The National Library of Medicine is pleased to present this exhibition honoring the lives and accomplishments of these women in the hope of inspiring a new generation of medical pioneers.

\*

Explore the Exhibition

#### ▶ VISIT

This exhibition at the National Library of Medicine closed on November 19, 2005. Its traveling exhibition itinerary is available online. Please refer to "On Exhibit at NLM" on the Library's home page for information on the current exhibition on display at the Library.

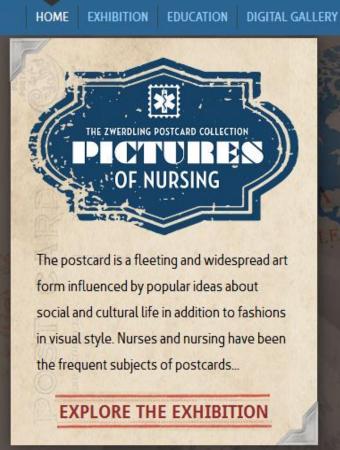
#### **PHYSICIANS**

Perform your own customized database <u>search</u> to learn about the woman physicians featured in this exhibition. Learn about their sources of inspiration, the challenges they faced, and their accomplishments.

## ▶ RESOURCES

Students, find out if a <u>career in</u>
<u>medicine</u> is for you through
the guide to medical career
Web sites. Teachers, print
classroom <u>lesson plans</u> and
view an extensive <u>bibliography</u>
including books and videos.

New Book! <u>Women</u> <u>Physicians and the Cultures</u> of Medicine.





TRAVELING INFO



🛗 BOOK THE TRAVELING EXHIBITION

# PHYSICIAN ASSISTANTS Collaboration and Care

EXHIBITION PROGRAM

The first PA students had served as U.S. Navy Hospital corpsmen in the Vietnam War, where they gained extensive practical experience in medicine and surgery before entering PA programs.



CONTINUE to DIVERSITY MAKES A DIFFERENCE

HOME • EXHIBITION • EDUCATION • CREDITS

# **LEARN** more



Explore educational resources.

**EXPLORE** the exhibition



**BOOK** the traveling exhibition



FIND OUT



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**Health Topics** 

**Drugs & Supplements** 

Videos & Tools

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Home → Health Topics → Health Occupations

# **Health Occupations**

Also called: Health careers, Health professions, Medical occupations, Medical professions

On this page		
Basics	Learn More	See, Play and Learn
<ul><li>Summary</li><li>Start Here</li><li>Latest News</li></ul>	<ul><li>Related Issues</li><li>Specifics</li></ul>	■ No links available
Research	Resources	For You
<ul><li>Statistics and Research</li><li>Journal Articles</li></ul>	Find an Expert	<ul> <li>No links available</li> </ul>

# **Summary**

Every day, around the clock, people who work in the health care industry provide care for millions of people, from newborns to the very ill. In fact, the health care industry is one of largest providers of jobs in the United States. Many health jobs are in hospitals. Others are in nursing homes, doctors' offices, dentists' offices, outpatient clinics and laboratories.

To work in a health occupation, you often must have special training. Some, like doctors, must have more than 4 years of college.

Bureau of Labor Statistics















Enter email address

GO

## MEDICAL ENCYCLOPEDIA

Types of health care providers





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**Health Topics** 

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# **Health Topics**

Find information on health. wellness, disorders and conditions



# **Drugs & Supplements**

Learn about prescription drugs, over-the-counter medicines. herbs, and supplements



## Videos & Tools

Discover tutorials, health and surgery videos, games, and quizzes



## Medical Encyclopedia

Articles and images for diseases, symptoms, tests, treatments

# Medical Dictionary from Merriam-Webster

Look up in Dictionary

GO



It's Back-to-School time!

Tips for parents and kids at our School Health page.



# Today's Health News

Childhood Cancer Death Rates Continue to Fall: CDC

For Kids Playing Pokemon Go, Catch These Safety Tips

Severe Obesity and Heart Failure

More health news

### Clinical Trials

Search ClinicalTrials.gov for drug and treatment studies

# Stay Connected



Enter email address

GO

# NIH MedlinePlus Magazine

Read the

latest issue



# **URL** for MedlinePlus

# **Health Topics**









Read about symptoms, causes, treatment and prevention for over 975 diseases, illnesses, health conditions and wellness issues. MedlinePlus health topics are regularly reviewed, and links are updated daily.

# Find topics A-Z

XYZ List of All Topics G

# Body Location/Systems







Digestive System

Ear, Nose and Throat

Endocrine System

Eyes and Vision

Immune System

Kidneys and Urinary System

Lungs and Breathing

Mouth and Teeth

Skin, Hair and Nails

Female Reproductive System

Male Reproductive System

# Disorders and Conditions

Cancers

Diabetes Mellitus

Genetics/Birth Defects

Infections

Injuries and Wounds

Mental Health and Behavior

Metabolic Problems

Poisoning, Toxicology, Environmental

Health

Pregnancy and Reproduction

Substance Abuse Problems

# Diagnosis and Therapy

Complementary and Alternative Therapies

Diagnostic Tests

Drug Therapy

Surgery and Rehabilitation

Symptoms

Transplantation and Donation

# Demographic Groups

Children and Teenagers

Men

Population Groups

Seniors

Women

#### Health and Wellness

Disasters

Fitness and Exercise

Food and Nutrition

Health System

Personal Health Issues

Safety Issues

Sexual Health Issues

Social/Family Issues

Wellness and Lifestyle

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**Health Topics** 

**Drugs & Supplements** 

Videos & Tools

Español

Home → Drugs, Herbs and Supplements

# Drugs, Herbs and Supplements

# Drugs

Learn about your prescription drugs and over-the-counter medicines. Includes side effects, dosage, special precautions, and more.

# Browse by generic or brand name:



For FDA approved labels included in drug packages, see DailyMed.

# Herbs and Supplements

Browse dietary supplements and herbal remedies to learn about their effectiveness, usual dosage, and drug interactions.

# All herbs and supplements

Prescription and over-the-counter medication information is from AHFS® Consumer Medication Information, copyrighted by the American Society of Health-System Pharmacists (ASHP), Inc., Bethesda, Maryland; Copyright @ 2016. All Rights Reserved.











## **Related Topics**

HIV/AIDS Medicines

Antibiotics

Antidepressants

Blood Pressure Medicines

Blood Thinners

Cancer Alternative Therapies

Cancer Chemotherapy

Cold and Cough Medicines

Complementary and Alternative Medicine

**URL** for Drugs, Herbs and Supplements



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**Drugs & Supplements** 

Videos & Tools

Español

Home → Videos & Tools

# Videos & Tools









Watch health videos on topics such as anatomy, body systems, and surgical procedures. Test your knowledge with interactive tutorials and games. Check your health with calculators and quizzes.



#### **Health Videos**

View videos of anatomy and body systems and how diseases and conditions affect them.



#### Surgery Videos

Find videos of operations and surgical procedures.



#### **Health Check Tools**

Check your health with interactive calculators, guizzes and questionnaires.



## Games

Boost your health knowledge by playing interactive health games.



**Understanding Medical Words** 

**Evaluating Health Information** 

To Your Health: NLM update

NIHSeniorHealth Videos



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Home → Latest Health News

# **Latest Health News**











Health news from HealthDay, plus recent press announcements from major medical organizations.

More health news by date H

Health news by topic

Tuesday, September 20

Annual Checkups Are Becoming Wellness Visits (HealthDay)

Appointment may include review of family history, lifestyle and medications, doctor says

Related MedlinePlus Topic: Health Checkup

Can Stress Lower a Woman's Fertility? (HealthDay)

Greatest impact is around ovulation time, research suggests

Related MedlinePlus Topics: Infertility, Stress, Women's Health

Early Introduction of Eggs, Peanuts May Cut Kids' Allergy Risk (HealthDay)

Allergy specialist suggests existing guidelines on introducing foods may be outdated

Related MedlinePlus Topic: Food Allergy

More Cancer Patients Gaining from Immune-Based Treatments (HealthDay)

These therapies help arm the body to fight off malignancy, new report explains

Related MedlinePlus Topic: Cancer

More Must Be Done to Fight 'Superbugs': U.S. Gov't Report (HealthDay)

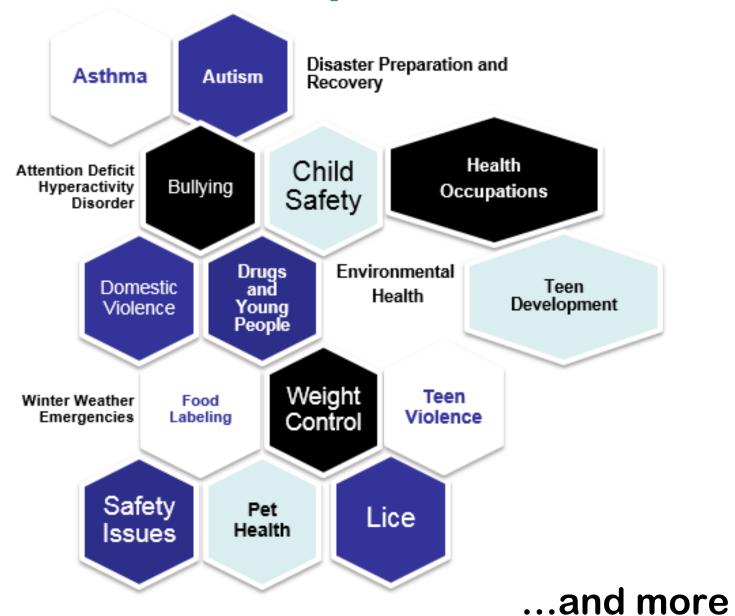
Infectious disease experts say multipronged approach is needed

Related MedlinePlus Topic: Antibiotic Resistance





# **MedlinePlus: Topics of Interest**





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**Drugs & Supplements** 

Videos & Tools

Español

Home → MedlinePlus Guide to Healthy Web Surfing

# MedlinePlus Guide to Healthy Web Surfing









What should you look for when evaluating the quality of health information on Web sites? Here are some suggestions based on our experience.

# Consider the source -- Use recognized authorities

Know who is responsible for the content.

- Look for an "about us" page. Check to see who runs the site: is it a branch of the Federal Government, a non-profit institution, a
  professional organization, a health system, a commercial organization or an individual.
- There is a big difference between a site that says, "I developed this site after my heart attack" and one that says, "This page on heart attack was developed by health professionals at the American Heart Association."
- Web sites should have a way to contact the organization or webmaster. If the site provides no contact information, or if you can't
  easily find out who runs the site, use caution.

## Focus on quality--All Web sites are not created equal

Does the site have an editorial board? Is the information reviewed before it is posted?

- This information is often on the "about us" page, or it may be under the organization's mission statement, or part of the annual report.
- See if the board members are experts in the subject of the site. For example, a site on osteoporosis whose medical advisory board is composed of attorneys and accountants is not medically authoritative.
- Look for a description of the process of selecting or approving information on the site. It is usually in the "about us" section and may be called "editorial policy" or "selection policy" or "review policy."
- Sometimes the site will have information "about our writers" or "about our authors" instead of an editorial policy. Review this section to find out who has written the information.

**URL** to MedlinePlus Guide to Healthy Web Surfing



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Home → Health Topics → Evaluating Health Information

# **Evaluating Health Information**



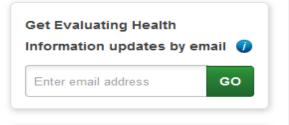
# Summary

Millions of consumers get health information from magazines, TV or the Internet. Some of the information is reliable and up to date; some is not. How can you tell the good from the bad?

First, consider the source. If you use the Web, look for an "about us" page. Check to see who runs the site: Is it a branch of the government, a university, a health organization, a hospital or a business? Focus on quality. Does the site have an editorial board? Is the information reviewed before it is posted? Be skeptical. Things that sound too good to be true often are. You want current, unbiased information based on research.

NIH: National Library of Medicine

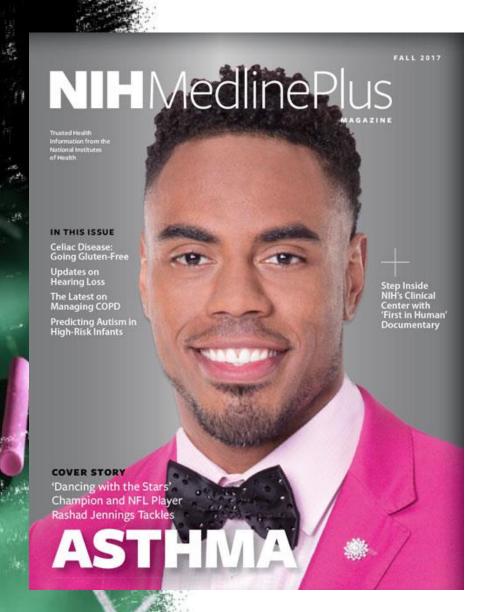






**URL** for Evaluating Health Information

**URL** for Evaluating Internet Health Information Tutorial



### **MedlinePlus Magazine**



18 Breathtaking Managing a COPD

Diagnosis
NIH national action plan

works to combat lung

22 Outrunning Asthma

Rashad Jennings talks

health, determination, and the importance of research 30 On the Web

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Find it all in one place!

NIH Is here to help

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Follow us on Google Pk Medinedus GovNLM

Search

Offering information on HIV/AIDS Treatment, Prevention, and Research

Guidelines

**AIDS**info

Clinical Trials

Drugs HIV/AIDS Health Topics Education Materials Mobile Resources & Tools

New AIDSinfo infographics make HIV-related concepts easy to understand!

View



### News

April 22, 2016

AIDSinfo At-a-Glance Issue 10

April 13, 2016

Animal Study Paints Picture of the Earliest Immune Responses to HIV

April 11, 2016

NIH Sequences Genome of a Fungus that Causes Life-Threatening Pneumonia

Search News



### Guidelines

Federally approved HIV/AIDS medical practice guidelines

- · View and Download the Guidelines
- Adult ARV Guidelines
- Pediatric ARV Guidelines
- Perinatal Guidelines
- Adult OI Guidelines
- · Pediatric OI Guidelines



### Clinical Trials

Search tool to find HIV/AIDS-related clinical trials

Q Enter Search Term(s)

Search

- HIV/AIDS-Related Clinical Trials
- HIV Preventive Vaccine Clinical Trials
- HIV Therapeutic Vaccine Clinical Trials



### Drugs

Information on HIV/AIDS-related drugs

- · HIV/AIDS-Related Drugs
- FDA-Approved HIV/AIDS Drugs
- Investigational HIV/AIDS Drugs

**URL** for AIDSinfo and **URL** for AIDSinfo Infographics

**URL** for AIDSinfo Education Materials



### Toxicology Data Network

https://toxnet.nlm.nih.gov/

Search databases on hazardous chemicals, toxic releases, and environmental health, including LactMed and:

- ChemIDplus Chemical Identification & Dictionary provides information on structure, property, and chemical toxicity for over 400,000 chemicals.
- HSDB Hazardous Substances Data Bank with biological and physical data including animal/human toxicity studies on over 5,000 hazardous chemicals.
- DART Developmental and Reproductive Toxicology literature and
- TOXLINE Toxicology Literature Online, with citations from toxicological journals including those in PubMed.

### DAILYMED

https://dailymed.nlm.nih.gov/dailymed/

Over 93,000 federally approved prescription drug labels submitted by manufacturers including descriptions, usage, warnings, and patient counseling information.

### **Dietary Supplement Label Database**

https://dsld.nlm.nih.gov/dsld/

This new label database includes information from 50,500 dietary supplement labels for on and off-market drugs. Labels include product information supplement facts and ingredients.



https://medlineplus.gov/

Access patient-oriented online information on over 975 health topics. Click Drugs & Supplements or search by drug name or disease. Other topics include: Drug Safety, Vitamins, Over the Counter Medicines, Pain Relievers, and Herbal Medicine.

### Mobile Sites

https://www.nlm.nih.gov/mobile/

Access these drug-related mobile sites

- AIDSinfo
- DailyMed
- Drug Information Portal
- PubMed Mobile
- PubMed for Handhelds
- TOXNET

### Drug Information from the NLM

NLM Drug Information Subject Guide https://www.nlm.nih.gov/services/Subject\_ Guides/druginformation/

For more information, please visit: https://www.nlm.nih.gov/learn-aboutdrugs.html

Funded in whole or in part with Federal funds from the National Library of Medicine (NLM), National Institutes of Health (NIH), under cooperative agreement No. UG-4LM012340 with the University of Maryland, Baltimore. This resource is freely available at:

https://nnlm.gov/training/resources/drugstri.pdf.

Reviewed: January 2017



## Drug Information @NLM

The U.S. National Library of Medicine (NLM) provides a variety of informational databases on drugs and herbal supplements.

### Portals - search across multiple databases

- Drug Information Portal search across most NLM databases.
- TOXNET focus on toxic chemicals

### Drug Label Databases

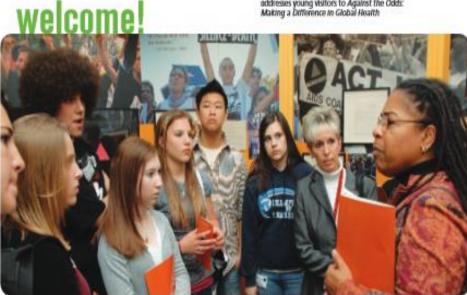
- DailyMed FDA approved drug labels
- Dietary Supplement Label Database

### **Drug Information Resources**

- AIDSinfo AIDS drug and vaccines
- · Clinical Trials Drugs in clinical trials
- LactMed Drugs affecting lactating mothers and breastfed infants
- LiverTox Drug-induced liver injury cases
- MedlinePlus For patients, families, and health consumers.
- Pillbox Pill identifier
- PubChem Chemical information including components of drugs.
- PubMed Article citations
- RXNorm Drug name listing



seaw Dr. Victoria Cargill from the Office of AIDS Research, National Institutes of Health addresses young visitors to Against the Odds: Making a Difference in Global Health



Exhibition Program Education Services engages, encourages, and serves educators, as well as students of all ages who are researching a topic or simply curious about the world around them. We develop resources that examine and interpret the ongoing interaction between science, society, and the humanities, in collaboration with educators and library professionals.

We provide online educational resources for elementary to higher education levels, as well as onsite exhibition tours, school field trips, and professional development programs for K-12 educators. For more information, please visit our website!

ABONE RIGHT Library Media Specialists from the District of Columbia public schools work fogether during a professional development session.

вотом вси: "The World of Global Health" interactive, Against the Odds: Making Difference in Global Health





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### INTRODUCTION

### ABOUT HEALTH STATISTICS

■ FINDING HEALTH STATISTICS

SUPPORTING MATERIAL

SITE MAP

### Finding and Using Health Statistics

Health Statistics provide information for understanding, monitoring, improving and planning the use of resources to improve the lives of people, provide services and promote their well being.

This course describes the range of available health statistics, identifies their sources and helps you understand how to use information about their structure as you search.

This course links to numerous examples. Each example opens in a separate page of your browser. To return to the course close the new window -- the course window remains open and you can proceed.

#### Parts of the Course

The course is divided into 2 main parts

- About Health Statistics which describes these sources and explores how they are created and
- Finding Health Statistics which presents strategies you can use to successfully search for the material

Start Here ▶

### Supporting Material

The course also contains supporting material including:

- A Glossary
- Examples of webpages where you can find health statistics
- Exercises

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Last reviewed: 19 January 2012 Last updated: 19 January 2012

First published: 03 January 2008

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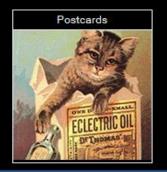
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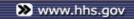


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#### Outreach Projects

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Health Professionals

HIV/AIDS

Library Science

Minority and Ethnic Populations

Specific Populations

Students/Educators

### K-12 Science and Health Education

Working with teachers and scientific experts to provide FREE reliable resources to help introduce, reinforce, and supplement education programs.

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Training Resources

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#### Announcements

See the Outreach Blog for the latest news!

Forensics and Medical Technology

Environmental Health Science/Chemistry

10.00

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### **NIH** News in Health

A monthly newsletter from the National Institutes of Health, part of the U.S. Department of Health and Human Services

Home

Features

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### Keeping Up in School?

Identifying Learning Problems



Recognizing and treating learning disabilities early in life can help kids succeed throughout school years and into adulthood Read more about learning disabilities.

### Curb Your Eating

Help Your Brain Fight the Urge to Splurge

Out-of-control eating can look and feel remarkably similar to an addiction to drugs. Scientists are analyzing the brain's role in binge eating. Read more about out-of-control eating



### IN THIS ISSUE

#### Features

- Keeping Up in School?
- Curb Your Eating

### **Health Capsules**

- Preschoolers Benefit from Peanut Allergy Therapy
- Be Sweet to Your Feet
- · Featured Website: It's a Noisy Planet, Protect Their Hearing.

### OTHER ARTICLES AND ISSUES

#### Most Viewed

- Red, Itchy Rash?
- Soothing a Sore Throat
- Stop the Spread of Superbugs
- Keep Your Skin Healthy
- Cold, Flu, or Allergy?

#### Past Issues

2016 - Go







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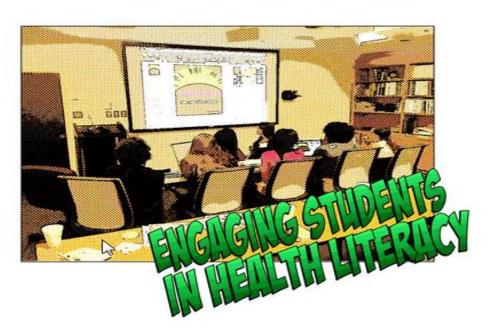
ABOUT THE PROJECT HEALTH INFORMATION LITERACY SUPER POWERS

CURRENT



### About the Project

The South Carolina AHEC partnered with the U.S. National Library of Medicine (NLM) and three Lowcountry high schools for a health information literacy project. Students were charged with researching public health themes and creating educational comic books geared toward middle school students. In the process, the high school students learned about helpful resources from the NLM, gained valuable communication, research and creative skills, increased their knowledge about health careers and improved their health literacy.





### Class Descriptions

The NNLM educational program consists of a mix of in-person and online opportunities. The classes listed below may be customized for any audience. Additionally, MAR coordinators are available to discuss your audiences' specific needs and tailor presentations that introduce information resources to address specific demographic, biomedical and health information needs. Contact <a href="mailto:nnlmmar@pitt.edu">nnlmmar@pitt.edu</a> to request a class or presentation.

Use the sidebar navigation to view our Training Schedule for upcoming session dates.

**Note:** Classes that do not include MAR staff in their list of instructors are only available to the Middle Atlantic Region when offered online by another region or office. Look for any of the following instructors:

- Renae Barger
- Michelle Burda
- Lydia Collins
- Kate Flewelling
- Elaina Vitale

ABCs of DNA: Unraveling the Mystery of Genetics...

Activate, Collaborate, and Educate: Health...

Are You Ready? Essential Disaster Health...

Beyond an Apple a Day: Providing Consumer...

ACRL Research Data Management Roadshow

American Indian Health Information Resources

Augmented Reality, Virtual Reality, & Health

Beyond the SEA Monthly Web Seminar

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Class Descriptions

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Past Presentations

Educational & Print Materials

Other Free Materials

Resource Guides +

### **₹ FILTER CLASSES**

#### Title

### Region/Office

- Any -
- MAR
- GMR

<u>URL</u> to Class Descriptions, <u>URL</u> to NNLM MAR Training Schedule and <u>URL</u> to NNLM MAR Membership (DE, NJ, NY & PA) <u>URL</u> to NNLM Training Schedule and <u>URL</u> to NNLM web site to locate your Regional Medical Library



About MAR -

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Professional Development -

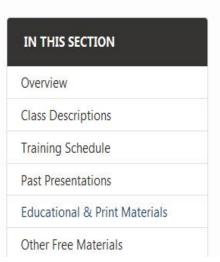


### Order Free Educational & Print Materials

Network Members from the Middle Atlantic Region (Pennsylvania, Delaware, New York and New Jersey) can use the form below to order free educational and print materials from NNLM.

If you are located in another part of the United States, find your region to view materials that are available to you.

**NOTE:** Maximum order quantity per item: 50. Availability of items is subject to supplies on hand.



# Thank You



Lydia N Collins

National Network of Libraries of Medicine,

Middle Atlantic Region

Consumer Health Coordinator

LYDIA@PITT.EDU

**URL** for NNLM MAR



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